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- 1 [A multicast packet forwarding mechanism for WCDMA networks using routing lists](#)
 Antonios Alexiou, Dimitrios Antonellis, Christos Bouras
 October 2006 WMuNeP '06: Proceedings of the 2nd ACM international workshop on Wireless multimedia networking and performance modeling

Publisher: ACM

 Full text available: Pdf (807.56 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 69, Citation Count: 0

This paper proposes a multicast scheme for the packet forwarding mechanism in the Universal Mobile Telecommunications System (UMTS). The scheme relies on the introduction of the Permanent Multicast Routing List (PMRL) and Temporary Multicast Routing ...

Keyw ords: MBMS, UMTS, multicast, multiple unicast

- 2 [Countering Security Vulnerabilities in Agent Execution Using a Self Executing Security Examination](#)

John Page, Arkady Zaslavsky, Maria Indrawan

July 2004 AAMAS '04: Proceedings of the Third International Joint Conference on Autonomous Agents and Multiagent Systems - Volume 3, Volume 3

Publisher: IEEE Computer Society

 Full text available: Pdf (243.56 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 15, Citation Count: 1

The paper describes the evolution and implementation of a self-executing security examination (SENSE) for agents executing in non-trusted domains. It outlines the shortcomings of some of the existing agent security schemas. To meet these shortcomings, ...

- 3 [An extended model of security policy for multi-applicative smart cards](#)

Matthias Schwan

March 2007 ASI ACCS '07: Proceedings of the 2nd ACM symposium on Information, computer and communications security

Publisher: ACM

Full text available:  Pdf (211.79 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 258, Citation Count: 0

The overall security level of applications running on a smart card is not only determined by the particular applications and by the operating system but also by external devices. All proposed security models of smart card operating systems assume the ...

Keyw ords: biometrics, electronic signatures, security policy, smart cards

4 [Heuristic control system for autonomous navigation](#)



Bruno Delaunoy, Rodolphe Alimenti, Marc Bogaert

June 1988 IEA/ AIE '88: Proceedings of the 1st international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 1, Volume 1

Publisher: ACM

Full text available:  Pdf (813.77 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 11, Citation Count: 0

Autonomous navigation of a mobile robot requires that several problems be solved. These problems can be classified corresponding to their hierarchical level. We have defined four levels including, from top to bottom: communication ...

5 [Performance analysis of untraceability protocols for mobile agents using an adaptable framework](#)



Rafał Leszczyna, Janusz Górski

May 2006 AAMAS '06: Proceedings of the fifth international joint conference on Autonomous agents and multiagent systems

Publisher: ACM

Full text available:  Pdf (444.10 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 59, Citation Count: 0

Recently we had proposed two untraceability protocols for mobile agents and began investigating their quality. We believe that quality evaluation of security protocols should extend a sole validation of their security and cover other quality aspects, ...

Keyw ords: ACM proceedings, anonymity, mobile agents, performance evaluation, privacy, security, security protocols, untraceability

6 [Retrofitting networked applications to add autonomic reconfiguration](#)



Michael G. Merideth, Priya Narasimhan

May 2005 DEAS '05: Proceedings of the 2005 workshop on Design and evolution of autonomic application software

Publisher: ACM

Full text available:  Pdf (409.16 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 43, Citation Count: 1

To reduce user maintenance is an important goal for applications that must dynamically adapt based on their environments. There are many existing popular applications that lack support for this autonomic reconfiguration, but that are beginning to be ...

Keyw ords: autonomic, intrusion detection, reconfiguration, software upgrades

7 Security as a new dimension in embedded system design

Paul Kocher, Ruby Lee, Gary McGraw, Anand Raghunathan / Srivaths Ravi

June 2004 DAC '04: Proceedings of the 41st annual conference on Design automation

Publisher: ACM

Full text available: Pdf (209.10 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 48, Downloads (12 Months): 390, Citation Count: 18

The growing number of instances of breaches in information security in the last few years has created a compelling case for efforts towards secure electronic systems. Embedded systems, which will be ubiquitously used to capture, store, manipulate, and ...

Keyw ords: PDAs, architectures, battery life, cryptography, design, design methodologies, digital rights management, embedded systems, performance, security, security processing, security protocols, sensors, software attacks, tamper resistance, trusted computing, viruses

8 Sixthsense: rfid-based enterprise intelligence

Lenin Ravindranath, Venkata N. Padmanabhan, Piyush Agrawal

June 2008 MobiSys '08: Proceeding of the 6th international conference on Mobile systems, applications, and services

Publisher: ACM

Full text available: Pdf (1.03 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 43, Downloads (12 Months): 88, Citation Count: 0

RFID is widely used to track the movement of goods through a supply chain. In this paper, we extend the domain of RFID by presenting SixthSense, a platform for RFID-based enterprise intelligence systems. We consider an enterprise setting where people ...

Keyw ords: rfid, sensing, ubiquitous computing

9 Wireless broadband services and network management system in KT

Dong-Hyun Lee, Hwan-Joong Lee, Young-Woo Lee, Dong-Houn Shin

November 2006 International Journal of Network Management, Volume 16 Issue 6

Publisher: John Wiley & Sons, Inc.

Full text available: Pdf (778.41 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 277, Citation Count: 0

As mobile devices such as laptops and PDAs are becoming widely available, customers' needs for portable Internet services are increasing. KT has been preparing to launch a WiBro (Mobile WiMax) service that is a high-speed, low-cost, wireless Internet ...

10 Secure systems development based on the common criteria: the PalME project

Monika Vetterling, Guido Wimmel, Alexander Wisspeintner

November 2002 SIGSOFT '02/ FSE-10: Proceedings of the 10th ACM SIGSOFT symposium on Foundations of software engineering

Publisher: ACM

Full text available: Pdf (640.02 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 98, Citation Count: 5

Security is a very important issue in information processing, especially in open network environments like the Internet. The Common Criteria (CC) is the standard requirements catalogue for the evaluation of security critical systems. Using the CC, a large ...

Keywords: AutoFocus, CASE, case study, common criteria, development process, formal methods, graphical description techniques, requirements engineering, security engineering, software design, software engineering

11 [Towards an open, trusted digital rights management platform](#)



Andrew Cooper, Andrew Martin

October 2006 DRM '06: Proceedings of the ACM workshop on Digital rights management
Publisher: ACM

Full text available: Pdf (417.51 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 197, Citation Count: 1

Trusted computing has received criticism from those who fear it will be used by influential market forces to exert power over the software used on consumer platforms. This paper describes an open architecture for digital rights management (DRM) enforcement ...

Keywords: DRM, digital rights management, mandatory access controls, trusted computing, virtual machines

12 [Retrofitting networked applications to add autonomic reconfiguration](#)



Michael G. Merideth, Priya Narasimhan

July 2005 ACM SIGSOFT Software Engineering Notes, Volume 30 Issue 4
Publisher: ACM

Full text available: Pdf (409.16 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 43, Citation Count: 1

To reduce user maintenance is an important goal for applications that must dynamically adapt based on their environments. There are many existing popular applications that lack support for this autonomic reconfiguration, but that are beginning to be ...

Keywords: autonomic, intrusion detection, reconfiguration, software upgrades

13 [Authentication for WiFi - WiBro-based BWAN interworking](#)



Yong Lee, Goo Yeon Lee

May 2008 MobiHoc '08: Proceedings of the 9th ACM international symposium on Mobile ad hoc networking and computing
Publisher: ACM

Full text available: Pdf (274.45 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 73, Citation Count: 0

In this paper, we solve the interworking problem for different user authentications between licensed BWAN and unlicensed band network when an unlicensed radio band user connects to the Internet via BWAN.

Keywords: WiBro, WiFi, interworking, user authentication

14 A buddy model of security for mobile agent communities operating in pervasive scenarios

John Page, Arkady Zaslavsky, Maria Indrawan

January 2004 ACSW Frontiers '04: Proceedings of the second workshop on Australasian information security, Data Mining and Web Intelligence, and Software Internationalisation - Volume 32, volume 32

Publisher: Australian Computer Society, Inc.

Full text available:  Pdf (344.53 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 83, Citation Count: 1

This paper examines the security aspects of different pervasive scenarios involving agent communities evolved using multi agent systems (MAS). It describes the motivation and the objectives behind the development of these agent communities and analyses ...

Keyw ords: community, malicious, mobile agents (MA), security, vulnerability

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